

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

KC-0164

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/561889

INTERNATIONAL APPLICATION NO.  
PCT/GB2004/002733

INTERNATIONAL FILING DATE  
24 June 2004

PRIORITY DATE CLAIMED  
24 June 2003

TITLE OF INVENTION  
IMPROVED VALVE SYSTEM

APPLICANT(S) FOR DO/EO/US  
Thomas Henry BELL

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An Assignment Document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A Preliminary Amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute Specification.
16. ☐ A Power of Attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information PCT Request, International Search Report

U.S. APPLICATION (If known, see 37 CFR 1.5) <b>10/561869</b>		INTERNATIONAL APPLICATION PCT/GB2004/002733		ATTORNEY'S DOCKET NO. KC-0164	
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The following fees have been submitted:

	Calculations	PTO User Only								
21. <input checked="" type="checkbox"/> Basic national fee ..... \$300.00	\$ 300									
22. <input checked="" type="checkbox"/> Examination fee	\$ 200									
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... 100.00										
All other situations ..... \$200.00										
23. <input checked="" type="checkbox"/> Search fee	\$ 400									
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$300.00										
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400.00										
All other situations ..... \$500.00										
<b>TOTAL OF 21, 22, and 23 =</b>	<b>\$ 900</b>									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.	\$									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total Sheets</td> <td style="width: 15%;">Extra Sheets</td> <td style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width: 40%;">RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	- 100 =	/50 =		x \$250.00		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE							
- 100 =	/50 =		x \$250.00							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE							
Total Claims	28 - 20 =	8	x \$50.00							
Independent Claims	1 - 3 =	0	x \$200.00							
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00							
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 1300</b>							
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$ 650							
<b>SUBTOTAL =</b>			<b>\$ 650</b>							
Processing fee of \$130.00 for furnishing the English language translation later than 30 months from the earliest priority date (37 CFR 1.492(f))			\$							
<b>TOTAL NATIONAL FEE =</b>			<b>\$ 650</b>							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property			\$ 40							
<b>TOTAL FEES ENCLOSED =</b>			<b>\$ 690</b>							
			Amount to be refunded: \$							
			charged: \$							

a. ☒ A check in the amount of **\$ 690.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

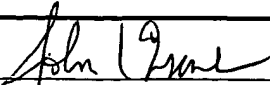
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**SEND ALL CORRESPONDENCE TO:**  
CUSTOMER NO. 34610

**FLESHNER & KIM, LLP**  
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Chantilly, Virginia 22151-1200  
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 SIGNATURE  
 John C. Eisenhart  
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